

## EAST Search History

| Ref # | Hits | Search Query                                                                                                          | DBs                                                         | Default Operator | Plurals | Time Stamp          |
|-------|------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------|---------|---------------------|
| S1    | 3422 | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide)                                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/09/15<br>17:38 |
| S2    | 0    | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) SAME agglomerating SAME microorganisms | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/09/15<br>17:39 |
| S3    | 2    | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and agglomerating SAME microorganisms  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/09/15<br>17:39 |
| S4    | 0    | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) SAME agglomerating                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/09/15<br>17:41 |
| S5    | 14   | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and agglomerating                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/09/15<br>17:41 |
| S6    | 17   | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) SAME microorganisms                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/09/15<br>17:42 |
| S7    | 499  | nanoparticle and polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide)                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/10/01<br>14:39 |
| S8    | 53   | nanoparticle SAME polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide)                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/10/01<br>14:39 |

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| S9  | 9  | nanoparticle SAME polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and microorganism                                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/10/01 14:39 |
| S10 | 2  | nanoparticle SAME polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and microorganism SAME agglomerating              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/10/01 14:39 |
| S11 | 2  | nanoparticle SAME polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and microorganism and agglomerating               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/10/01 14:40 |
| S12 | 8  | nanoparticle SAME polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and microorganism SAME nanoparticle               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/10/01 14:40 |
| S13 | 36 | nanoparticle SAME (polystyrene or (PEG or polyethylene) or (monosaccharide or polysaccharide)) SAME microorganism                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/10/01 14:43 |
| S14 | 1  | nanoparticle SAME (polystyrene or (PEG or polyethylene) or (monosaccharide or polysaccharide)) SAME microorganism SAME agglomer\$                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/10/01 14:44 |
| S15 | 2  | nanoparticle SAME (polystyrene or (PEG or polyethylene) or (monosaccharide or polysaccharide)) and nanoparticle SAME microorganism SAME agglomer\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/10/01 14:44 |

|     |     |                                                                                                                                                  |                                                             |    |    |                     |
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| S16 | 11  | nanoparticle SAME<br>microorganism SAME<br>agglomer\$                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/10/01<br>14:44 |
| S17 | 18  | nanoparticle and<br>microorganism SAME<br>agglomer\$                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/10/01<br>14:46 |
| S18 | 13  | nanoparticle SAME<br>(polystyrene or (PEG or<br>polyethylene) or<br>(monosaccharide or<br>polysaccharide)) SAME<br>microorganism SAME<br>binding | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/10/01<br>14:47 |
| S19 | 51  | nanoparticle SAME<br>microorganism SAME<br>binding                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/10/01<br>14:48 |
| S20 | 51  | nanoparticle SAME<br>binding SAME<br>microorganism                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/10/01<br>14:53 |
| S21 | 200 | nanoparticle SAME<br>binding and binding<br>SAME microorganism                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/10/01<br>14:54 |
| S22 | 269 | polystyrene SAME (PEG<br>or polyethylene) SAME<br>(monosaccharide or<br>polysaccharide) SAME<br>binding                                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:22 |
| S23 | 6   | polystyrene SAME (PEG<br>or polyethylene) SAME<br>(monosaccharide or<br>polysaccharide) SAME<br>binding SAME<br>microorganism                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:23 |
| S24 | 18  | polystyrene SAME (PEG<br>or polyethylene) SAME<br>(monosaccharide or<br>polysaccharide) SAME<br>microorganism                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:38 |

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| S25 | 46   | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) SAME (microorganism or virus or prokaryote or parasite or eukaryote)                                            | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/26 15:46 |
| S26 | 32   | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) SAME (microorganism or virus or prokaryote or parasite or eukaryote) and (bind\$ or conjugat\$ or agglomerat\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/26 15:47 |
| S27 | 1611 | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and (microorganism or virus or prokaryote or parasite or eukaryote) and (bind\$ or conjugat\$ or agglomerat\$)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/26 15:48 |
| S28 | 858  | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and (microorganism or virus or prokaryote or parasite or eukaryote) SAME (bind\$ or conjugat\$ or agglomerat\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/26 15:48 |
| S29 | 162  | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) SAME (bind\$ or conjugat\$ or agglomerat\$) and (microorganism or virus or prokaryote or parasite or eukaryote) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/26 15:49 |
| S30 | 3    | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and adhesin and agglomerat\$                                                                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/05/26 15:51 |

|     |      |                                                                                                                                                    |                                                             |    |    |                     |
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| S31 | 1798 | polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and (microorganism or virus or prokaryote or parasite or eukaryote) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:51 |
| S33 | 48   | polystyrene SAME core SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide)                                                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:56 |
| S34 | 1    | polystyrene SAME core SAME (PEG or polyethylene) SAME "linking agent" SAME (monosaccharide or polysaccharide)                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:56 |
| S35 | 0    | polystyrene SAME core SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) SAME adhesin                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:56 |
| S36 | 2    | polystyrene SAME core SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide) and adhesin                                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:56 |
| S37 | 5589 | adhesin                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:56 |
| S39 | 15   | adhesin and polystyrene SAME (PEG or polyethylene) SAME (monosaccharide or polysaccharide)                                                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>15:57 |
| S40 | 7    | adhesin and polystyrene SAME (monosaccharide or polysaccharide) SAME adhesin                                                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:01 |
| S41 | 2799 | adhesin and polystyrene SAME (monosaccharide or polysaccharide)                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:04 |

|     |     |                                                                                                                 |                                                             |    |    |                     |
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| S42 | 7   | adhesin SAME<br>polystyrene SAME<br>(monosaccharide or<br>polysaccharide)                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:04 |
| S43 | 0   | adhesin SAME<br>polystyrene SAME<br>(monosaccharide or<br>polysaccharide) SAME<br>PEG                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:04 |
| S44 | 90  | adhesin SAME<br>(monosaccharide or<br>polysaccharide) and<br>polystyrene                                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:05 |
| S45 | 9   | adhesin SAME<br>(monosaccharide or<br>polysaccharide) and<br>polystyrene SAME PEG                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:05 |
| S46 | 225 | adhesin SAME binding<br>SAME (monosaccharide<br>or polysaccharide)                                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:06 |
| S47 | 17  | adhesin SAME<br>microorganism SAME<br>binding SAME<br>(monosaccharide or<br>polysaccharide)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:06 |
| S48 | 0   | adhesin SAME<br>microorganism SAME<br>agglomerating SAME<br>(monosaccharide or<br>polysaccharide)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:10 |
| S49 | 56  | adhesin SAME<br>microorganism SAME<br>(agglomerat\$ or<br>binding) and<br>(monosaccharide or<br>polysaccharide) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/26<br>16:11 |

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